

loc 200153312 (Amgen)

ID AAM38642 standard; Protein; 772 AA.
XX
AI AAM38642;
XX
IT 22-OCT-2001 (first entry)
XX
IE Human polypeptide SEQ ID NO: 2436.
XX
FW Human; nootropic; immunosuppressant; cytostatic; gene therapy; cancer;
FW peripheral nervous system; neuropathy; central nervous system; CNS;
FW Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
FW amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
FW chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
FW leukaemia.
XX
OS Homo sapiens.
XX
DN W0200153312-A1.
XX
PD 26-JUL-2001.
XX
PF 26-DEC-2000; 2000WD-US84263.
XX
PE 21-JAN-2000; 2000US-0468725.
PE 25-APR-2000; 2000US-0552317.
PE 09-JUL-2000; 2000US-0598042.
PE 19-JUL-2000; 2000US-0610312.
PE 03-AUG-2000; 2000US-0613450.
PE 14-SEP-2000; 2000US-0662191.
PE 19-OCT-2000; 2000US-0683036.
PE 29-NOV-2000; 2000US-0727844.
XX
PA HYSE-) HYSEQ INC.
XX
FI Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D;
FI Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J;
FI Zhao ZA, Zhou P, Goldrich R, Drmanac RT;
XX
DI WPI; 2001-442253/47.
DI N-PS25; AA158937.
XX
IT Novel nucleic acids and polypeptides, useful for treating disorders
IT such as central nervous system injuries -
XX
IS Example 4; SEQ ID NO: 920; 10078pp; English.
XX
CC The invention relates to human nucleic acids (AA157798-AA161369) and
CC the encoded polypeptides (AAM38642-AAM42213) with nootropic,
CC immunosuppressant and cytostatic activity. The polynucleotides are useful
CC in gene therapy. A composition containing a polypeptide or polynucleotide
CC of the invention may be used to treat diseases of the peripheral nervous
CC system, such as peripheral nervous injuries, peripheral neuropathy and
CC localised neuropathies and central nervous system diseases, such as
CC Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
CC lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
CC utilisation of the activities such as: Immune system suppression,
CC Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic

CC and thrombolytic activity, cancer diagnosis and therapy, drug screening,
 CC assays for receptor activity, arthritis and inflammation, leukaemias and
 CC C.N.S disorders.
 CC Note: The sequence data for this patent did not form part of the printed
 CC specification.

XX

SD Sequence 772 AA;

Query Match 100.0%; Score 4037; DB 22; Length 772;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 772; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MRLSSILALLRPALPLILGLSLGCSLSLLRVSWIDGEGEDPCVEAVGERGEPQIPDSFAR 60
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Db 421 rlrfgkqqlllngyrrfdpargmeytldillecvtgrghrralarvslrlsrveilpm 480

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ID AAI56937 standard: cDNA; 2710 BP.
 AC AAI56937
 DT 21-OCT-2001 first entry
 DE Human polynucleotide SEQ ID NO 1140.
 KW Human; neurotropic; immunosuppressant; cytostatic; gene therapy; cancer;
 KW peripheral nervous system; neuropathy; central nervous system; CNS;
 KW Alzheimer's; Parkinson's disease; Huntington's disease; haemostatic;
 KW amyotrophic lateral sclerosis; Shy-Drager Syndrome; chemotactic;
 KW chemokinetic; thrombolytic; drug screening; arthritis; inflammation;
 KW leukaemia; OS.
 OS Homo sapiens.
 XX
 PN WC200153312-A1.
 XX
 PD 26-JUL-2001
 XX
 PF 26-DEC-2000; 2000WO-US34263.
 XX
 FR 21-JAN-2000; 2000US-0488725.
 FR 25-APR-2000; 2000US-0552317.
 FR 09-JUL-2000; 2000US-0598042.
 FR 13-JUL-2000; 2000US-0620312.
 FR 03-AUG-2000; 2000US-0653450.
 FR 14-SEP-2000; 2000US 0662191.
 PR 19-OCT-2000; 2000US-0693036.
 PR 29-NOV-2000; 2000US-0727344
 XX
 PA (HYSE-) HYSEQ INC.
 XX
 PI Tang YT, Liu C, Asundi V, Chen R, Ma Y, Qian XB, Ren F, Wang D;
 PI Wang J, Wang Z, Wehrman T, Xu C, Xue AJ, Yang Y, Zhang J;
 PI Zhao QA, Zhou P, Goodrich R, Drmanac RT;
 XX
 DR WPI: L001-442253/47.
 DR P-FSDB; AAM39781.
 XX
 FT Novel nucleic acids and polypeptides, useful for treating disorders
 IT such as central nervous system injuries -
 XX
 FS Claim 1; SEQ ID NO 1140, 10078pp; English.
 XX
 CC The invention relates to human nucleic acids (AAI57798-AAI61369) and
 CC the encoded polypeptides (AAM38642-AAM42213) with neurotropic,
 CC immunosuppressant and cytostatic activity. The polynucleotides are useful
 CC in gene therapy. A composition containing a polypeptide or polynucleotide
 CC of the invention may be used to treat diseases of the peripheral nervous
 CC system, such as peripheral nervous injuries, peripheral neuropathy and
 CC localised neuropathies and central nervous system diseases, such as
 CC Alzheimer's, Parkinson's disease, Huntington's disease, amyotrophic
 CC lateral sclerosis, and Shy-Drager Syndrome. Other uses include the
 CC utilisation of the activities such as: immune system suppression,
 CC Activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic
 CC and thrombolytic activity, cancer diagnosis and therapy, drug screening,
 CC assays for receptor activity, arthritis and inflammation, leukaemias and
 CC C.N.S disorders.
 CC Note The sequence data for this patent did not form part of the printed
 CC specification.
 XX
 HQ Sequence 2710 BP: 506 A; 621 C; 824 G; 559 T; 0 other;

Query Match 96.5%; Score 2692; DB 22; Length 2710;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 2692; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2738 attgttgtgtattttttaaatatgaaaaatgttattaaacatgtcttctgcc 2789
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